

## PUR-Flush 100, 200, 300

### General:

**SAFETY FLUSHING SOLVENTS.** The PUR-Flush products are engineered solvent blends that were developed for use in flushing urethane residues from various types of polyurethane processing equipment. The unique chemistry of the PUR-Flushes provides a product with a high flashpoint that does not leave excessive residue behind after flushing. Many flushing solvents available today, such as Dibasic Esters (DBE) and N-methyl pyrrolidone (NMP) will leave excessive amounts of solvent behind on the mix head after flushing. This often causes a problem during the pouring of the next part, especially if the parts are small. The PUR-Flush products significantly reduce the amount of solvent left behind after flushing. For companies using a pre-shot to eliminate contamination, the pre-shot step may be replaced by a simple air purge. PUR-Flush 100, PUR-Flush 200 and PUR-Flush 300 are non-chlorinated, nonflammable (per DOT), non-carcinogenic, non-ozone depleting solvents designed to replace solvents such as methylene chloride, acetone, MEK, and 1,1,1-trichloroethane. They have the benefits of being safer in the workplace and friendlier to the environment.

### Applications:

1. The PUR-Flushes are especially effective for flushing mixing and metering equipment and feed lines.
2. They are effective in flushing all types of urethanes: flexible, rigid, elastomer, or molded. Effective for both MDI and TDI esters and ethers.
3. The PUR-Flush solvents are distinguishable by amount of residue left on parts after flushing, cleaning ability and cost. Consult the properties table below for details.

### Specifications:

	PUR-Flush 100	PUR-Flush 200	PUR-Flush 300
Color:	Colorless to light amber	Colorless to light amber	Colorless to light amber
Specific Gravity:	0.86	0.96	0.88
Boiling Point:	>350°F	>340°F	>330°F
Flash Point:	>150°F	>150°F	>150°F
Cleaning effectiveness:	good	better	best
Elimination of residue:	good	fair	good
Cost:	lowest	lower	low

### Materials of Construction:

*Recommended:* Teflon, butyl rubber, silicon rubber, Kalrez, steel, Halar, melamine, Nylon 101, HDPE, polypropylene, Viton; all of these materials are compatible with all PUR-Flush solvents

*Avoid:* Please contact Dynaloy to determine if a material is compatible with a certain PUR-Flush solvent.

### Caution:

Safety goggles and impervious gloves should be worn when handling any industrial chemical, including the PUR-Flush 100, 200 and 300. Refer to MSDS before use, for disposal, or additional safe handling.